

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	5099912
<b>Application Number:</b>	10566932
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	9852
<b>Title of Invention:</b>	OFDM CHANNEL ESTIMATION AND TRACKING FOR MULTIPLE TRANSMIT ANTENNAS
<b>First Named Inventor/Applicant Name:</b>	Alexandre Ribeiro Dias
<b>Customer Number:</b>	22917
<b>Filer:</b>	Kenneth Alan Haas/Robert Buccieri
<b>Filer Authorized By:</b>	Kenneth Alan Haas
<b>Attorney Docket Number:</b>	CML01134EP
<b>Receipt Date:</b>	06-APR-2009
<b>Filing Date:</b>	02-FEB-2006
<b>Time Stamp:</b>	12:35:47
<b>Application Type:</b>	U.S. National Stage under 35 USC 371

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Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$1810
RAM confirmation Number	7881
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/Message Digest	Multi Part /.zip	Pages (if appl.)
1	Issue Fee Payment (PTO-85B)	CML01134EP_USA_Signed_Issue_Fee_Transmittal_PTOL85b.pdf	103320 fd25a00102172b15ca093122e4d6d68729124995	no	1

### Warnings:

### Information:

2	Fee Worksheet (PTO-06)	fee-info.pdf	32105 9cde881e6b609bbb814b3478ee60374c16dd1ccb	no	2
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### Warnings:

### Information:

Total Files Size (in bytes):	135425
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#### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

#### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

#### New International Application Filed with the USPTO as a Receiving Office

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